

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C03952

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland		Hemorrhage
Spleen		Infarct, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Intestine Large  
Kidney  
Testis

Pulmonary Artery Nos  
Large Intestine, Colon

Mineralization  
Nematodiasis  
Inflammation, Chronic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Testis

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Hepatitis, Toxic

Pituitary gland

Cyst, Hemorrhagic

Stomach

Ulcer, Focal

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Endocardium Nos

Thrombosis, Nos

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lung

Carcinoma, Nos, Metastatic

Testis

Atrophy, Nos

Thyroid

Carcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Stomach

Testis

Mineralization

Mineralization

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Pituitary gland

Testis

Inflammation, Chronic

Chromophobe Adenoma

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Lung

Spleen

Testis

Thyroid

Unspecified

Ear

Pheochromocytoma

Rhabdomyosarcoma, Metastatic

Hematopoiesis

Hemosiderosis

Hyperplasia, Reticulum Cell

Interstitial-Cell Tumor

Cyst, Follicular Nos

Rhabdomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Lung

Testis

Inflammation, Chronic

Thrombosis, Nos

Interstitial-Cell Tumor

Mineralization

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

Unspecified

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Mammary gland		Adenoma, Nos
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Lung

Hyperplasia, Adenomatous

Pancreas

Acinus

Atrophy, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Unspecified

Head

Undifferentiated Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Pituitary gland

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Chromophobe Adenoma

Interstitial-Cell Tumor

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Hydrocephalus, Internal
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Liver		Metamorphosis, Fatty
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Kidney

Nematodiasis

Stomach

Inflammation, Chronic

Testis

Hyperplasia, Focal

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Kidney  
Testis

Myocardium Nos  
Large Intestine, Colon

Pheochromocytoma, Malignant  
Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Metamorphosis, Fatty
Spleen	Hematopoiesis
Testis	Hypertrophy, Nos
Unspecified	Interstitial-Cell Tumor
	Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Small

Kidney

Testis

Mesentery Nos

Pheochromocytoma

Periarteritis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Pituitary gland

Unspecified

Pheochromocytoma

Inflammation, Chronic

Chromophobe Adenoma

Hemangioma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Liver

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Cytoplasmic Change, Basophilic  
Fibrosis, Cholangio  
Pneumonia, Chronic Murine  
Interstitial-Cell Tumor  
C-Cell Adenoma

Lung  
Testis  
Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Lung  
Pituitary gland  
Testis  
Urinary bladder

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Interstitial-Cell Tumor  
Obstruction, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Pancreas  
Pituitary gland  
Testis

Myocardium Nos  
Large Intestine, Colon  
Acinus

Pheochromocytoma  
Fibrosis  
Nematodiasis  
Atrophy, Nos  
Chromophobe Adenoma  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland

Testis

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Interstitial-Cell Tumor

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Lung

Pneumonia, Chronic Murine

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Pituitary gland

Testis

Unspecified

Multiple Organs Nos

Fibroma

Chromophobe Adenoma

Interstitial-Cell Tumor

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

Tunica Vaginalis

Mesothelioma, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Intestine Large

Large Intestine, Colon

Nematodiasis

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Congestion, Nos Pneumonia, Chronic Murine
Prostate	Inflammation, Chronic
Testis	Interstitial-Cell Tumor
Thyroid	Hyperplasia, C Cell
Unspecified	Myxoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Mammary gland

Testis

Inflammation, Chronic

Fibroadenoma

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Congestion, Nos  
Degeneration, Hyaline

Tubule

Dilatation, Nos

Liver

Hemorrhage  
Congestion, Nos

Lung

Focal Cellular Change

Testis

Hemorrhage  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 5000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_101

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Mineralization

Prostate

Pyelonephritis, Acute

Testis

Inflammation, Acute

Urethra

Interstitial-Cell Tumor

Urinary bladder

Inflammation, Nos

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_102

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_103

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Pancreas  
Pituitary gland  
Prostate  
Testis

Islets

Islet-Cell Adenoma  
Chromophobe Adenoma  
Inflammation, Nos  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_104

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Unspecified

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_105

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Pituitary gland  
Thyroid

Large Intestine, Colon

Pheochromocytoma  
Nematodiasis  
Inflammation, Chronic  
Chromophobe Adenoma  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_106

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_107

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Fibrosis

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_108

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_109

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Pituitary gland

Testis

Congestion, Nos

Inflammation, Chronic

Necrosis, Focal

Inflammation, Acute

Chromophobe Adenoma

Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_110

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Large

Kidney

Testis

Large Intestine, Colon

Pheochromocytoma

Nematodiasis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_111

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Liver

Centrilobular

Necrosis, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_112

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Pancreas

Testis

Unspecified

Islets

Multiple Organs Nos

Cortical Adenoma

Islet-Cell Adenoma

Interstitial-Cell Tumor

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_113

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Pituitary gland

Testis

Unspecified

Multiple Organs Nos

Cortical Adenoma

Inflammation, Chronic

Chromophobe Adenoma

Interstitial-Cell Tumor

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_114

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_115

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Lymph node

Testis

Mesenteric Lymph Node

Inflammation, Chronic

Hyperplasia, Lymphoid

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_116

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Reticulosis, Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_117

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_118

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Atelectasis

Skeletal muscle

Congestion, Nos

Spleen

Inflammation, Pyogranulomatous

Testis

Hyperplasia, Diffuse

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_119

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_120

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Atrium

Thrombosis, Nos

Liver

Centrilobular

Necrosis, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_121

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Lung

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Congestion, Nos  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Chromophobe Adenoma  
Interstitial-Cell Tumor

---

Pancreas  
Pituitary gland  
Testis

Acinus

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_122

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Kidney  
Pituitary gland  
Testis  
Thyroid

Myocardium Nos  
Large Intestine, Colon

Pheochromocytoma  
Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Chromophobe Adenoma  
Interstitial-Cell Tumor  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_123

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel  
Intestine Large  
Intestine Small  
Liver  
Testis

Pulmonary Artery Nos  
Large Intestine, Colon  
Mesentery Nos

Mineralization  
Nematodiasis  
Periarteritis  
Cytoplasmic Change, Basophilic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_124

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_125

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_126

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Skin		Fibroma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_127

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Testis

Edema, Nos

Interstitial-Cell Tumor

Mineralization

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_128

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_129

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Testis

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_130

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Liver

Focal Cellular Change

Pituitary gland

Chromophobe Adenoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_131

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_132

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Large

Intestine Small

Lung

Mammary gland

Pancreas

Testis

Unspecified

Myocardium Nos

Large Intestine, Colon

Mesentery Nos

Islets

Adipose Tissue

Pheochromocytoma

Fibrosis

Nematodiasis

Necrosis, Fat

Alveolar/Bronchiolar Adenoma

Congestion, Nos

Fibroadenoma

Hyperplasia, Focal

Interstitial-Cell Tumor

Inflammation, Granulomatous

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_133

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Mesenteric Artery Nos

Fibrosis

Intestine Small

Mesenteric Artery Nos

Mineralization

Testis

Mesentery Nos

Necrosis, Fat

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_134

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Lung

Histiocytosis

Pituitary gland

Pneumonia, Chronic Murine

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_135

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_136

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Aorta Nos

Mineralization

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_137

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung	Congestion, Nos
Pituitary gland	Hemorrhage
Prostate	Chromophobe Adenoma
	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_138

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Blood vessel

Eye

Kidney

Lung

Unspecified

Artery Nos

Choroid

Multiple Organs Nos

Pheochromocytoma, Malignant

Inflammation, Nos

Thrombosis, Nos

Inflammation, Chronic

Pneumonia, Chronic Murine

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_139

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Chromophobe Adenoma

Preputial gland

Adenosquamous Carcinoma

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_140

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Intestine Small	Mesentery Nos	Necrosis, Fat
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_141

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Intestine Small  
Kidney  
Lung  
Testis

Cortex Nos  
Large Intestine, Colon  
Mesentery Nos

Metamorphosis, Fatty  
Nematodiasis  
Periarteritis  
Inflammation, Chronic  
Hyperplasia, Adenomatous  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_142

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Lung

Pancreas

Spleen

Testis

Atrium

Islets

Pheochromocytoma

Thrombosis, Nos

Hyperplasia, Adenomatous

Islet-Cell Adenoma

Leukemia, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_143

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_145

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Large

Kidney

Testis

Large Intestine, Colon

Pheochromocytoma

Nematodiasis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_146

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain	Hydrocephalus, Internal
Kidney	Inflammation, Chronic
Liver	Metamorphosis, Fatty
Pituitary gland	Chromophobe Adenoma
Stomach	Inflammation, Chronic
Testis	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_147

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Liver

Testis

Thyroid

Unspecified

Abdominal Cavity

Cortical Adenoma

Hepatocellular Carcinoma

Interstitial-Cell Tumor

C-Cell Adenoma

Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_148

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney  
Lung  
Testis

Large Intestine, Colon

Pheochromocytoma, Malignant  
Nematodiasis  
Inflammation, Chronic  
Pheochromocytoma, Metastatic  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_149

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Congestion, Nos

Degeneration, Hyaline

Tubule

Dilatation, Nos

Inflammation, Nos

Lung

Hemorrhage

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_150

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Mesentery Nos

Necrosis, Fat

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_201

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Lung

Testis

Inflammation, Chronic

Alveolar/Bronchiolar Adenoma

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Kidney  
Pituitary gland

Myocardium Nos

Fibrosis  
Inflammation, Chronic  
Angiectasis  
Chromophobe Adenoma  
Sarcoma, Nos  
Hyperplasia, C Cell

Spleen  
Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Hepatocytes	Hyperplasia, Diffuse
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Suppurative
Unspecified	Face	Basal-Cell Carcinoma
	Adipose Tissue	Inflammation, Granulomatous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Large

Liver

Mammary gland

Testis

Large Intestine, Colon

Pheochromocytoma

Nematodiasis

Fibrosis, Cholangio

Fibroadenoma

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_205

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Adenocarcinoma, Nos
Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Testis	Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_207

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Large

Kidney

Testis

Myocardium Nos

Large Intestine, Colon

Adenoma, Nos

Fibrosis

Nematodiasis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_208

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Testis

Pheochromocytoma

Inflammation, Chronic

Cytoplasmic Change, Basophilic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Testis

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Fibrosis, Cholangio

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:08

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_211

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Lung

Pneumonia, Chronic Murine

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_212

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Fibrosis, Cholangio

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_213

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Lymphangiectasis
Pituitary gland		Chromophobe Adenoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_214

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland		Cyst, Hemorrhagic
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_215

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Lung

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Mineralization  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Interstitial-Cell Tumor  
Mineralization

Pituitary gland  
Testis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_217

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_218

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Heart  
Intestine Large  
Kidney  
Pituitary gland  
Testis

Myocardium Nos  
Large Intestine, Colon

Pheochromocytoma  
Glioma, Nos  
Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Chromophobe Adenoma  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_219

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Histiocytosis
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Inflammation, Granulomatous
	Multiple Organs Nos	Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03952

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Phenyl-3-methyl-5-pyrazolone

**CAS Number:** 89-25-8

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 17:22:09

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_220

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Lung  
Testis

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE